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(54) Title: LUTZOMYIA LONGIPALPIS POLYPEPTIDES AND METHODS OF USE

(57) Abstract: Substantially purified salivary lu. longipalpis polypeptides, and polynucleotides encoding these polypeptides are disclosed. Vectors and host cells including the lu. longipalpis polynucleotides are also disclosed. In one embodiment, a method is disclosed for inducing an immune response to sand fly saliva. In other embodiments, methods for treating, diagnosing, or preventing leishmaniasis are disclosed.